We Claim:

1. A plug-in to a host, the plug-in providing one or more special capabilities to the host, the plug-in comprising:

core means for conducting typical operation of the plug-in by which the one or more special capabilities are carried out; and

interface means for interfacing between the core means and a calling entity with respect to operational status of the plug-in.

2. The plug-in of claim 1, wherein:

the interface means is a first interface means; and the plug-in further comprises

second interface means for interfacing between the core means and the host with respect to the typical operation.

3. The plug-in of claim 1, wherein:

the host tends one or more storage devices and represents a part of a storage area network (SAN); and

the calling entity represents a storage manager of the SAN.

4. The plug-in of claim 1, wherein, relative to a client-server architecture, the following relationships apply:

the calling entity represents a client relative to the plug-in; and the plug-in represents a server relative to the calling entity.

- 5. The plug-in of claim 4, wherein the client-server architecture is the JCore architecture such that the calling entity is a JCore client plug-in and the plug-in is a JCore server plug-in.
- 6. The plug-in of claim 1, further comprising:

 butler means for gathering operational status information (Op_Stat_Info)
 representing the operational status of the plug-in.
- 7. The plug-in of claim 6, wherein the butler means is operable for performing the gathering of the Op_Stat_Info in an on-going manner while the plug-in is plugged-into the host.
- 8. The plug-in of claim 7, wherein the butler means is further operable to cause one or more pieces of the Op_Stat_Info to be stored upon the one or more pieces being gathered initially, respectively; and

update the one or more pieces, respectively, as is appropriate relative to the on-going manner by which the butler means gathers the Op_Stat_Info.

The plug-in of claim 8, further comprising:
 status data object (DO) means for storing the Op_Stat_Info;
 wherein

the butler means is further operable for causing the Op_Stat_Info to be stored via the status DO means.

the status DO means is accessible by the calling entity via the interface means.

10. The plug-in of claim 6, wherein the butler means is operable for initiating the gathering the Op_Stat_Info in response to receiving a request from the calling entity, and

for performing the gathering, once initiated, of the Op_Stat_Info in an ad hoc manner.

11. The plug-in of claim 10, further comprising:
status data object (DO) means for storing the Op_Stat_Info;
wherein the butler means is further operable for

causing the Op_Stat_Info to be stored via the status DO means, and

passing, upon completion of the gathering, the status DO to the calling entity.

12. A first plug-in to a host, the first plug-in providing one or more special capabilities to a host, the first plug-in comprising:

core means for conducting typical operation of the first plug-in by which the one or more special capabilities are carried out; and

interface means for interfacing between the core means and one or more second plug-ins loaded on one or more external, relative to the host, entities, respectively, regarding respective operational status of the one or more second plug-ins.

13. The first plug-in of claim 12, wherein:

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the interface means is a first interface means; and the first plug-in further comprises

second interface means for interfacing between the core means and the host with respect to the typical operation.

14. The first plug-in of claim 12, wherein:

the host is a first host;

the one or more external entities are one or more second hosts that tend one or more storage units, respectively;

the first host and the one or more second hosts represent a part of a storage area network (SAN); and

the host represents a storage manager of the SAN.

15. The first plug-in of claim 14, wherein, relative to a client-server architecture, the following relationships apply:

the first plug-in represents a client relative to the second plug-in; and the second plug-in represents a server relative to the first plug-in.

- 16. The first plug-in of claim 15, wherein the client-server architecture is the JCore architecture such that the first plug-in is a JCore client plug-in and the second plug-in is a JCore server plug-in.
- 17. A method of operating a plug-in to a host, the plug-in providing one or more special capabilities to the host, the method comprising:

interfacing to make available, from the plug-in to an external calling entity relative to the host, operational status information (Op_Stat_Info) regarding the plug-in.

18. The method of claim 17, further comprising:

exchanging typical information between the plug-in and the host, the exchange of the typical information being a part of typical operation of the plug-in by which the one or more special capabilities are carried out.

19. The method of claim 17, wherein:

the host tends one or more storage devices and represents a part of a storage area network (SAN); and

the Op_Stat_Info is made available to a storage manager of the SAN.

20. The method of claim 17, further comprising:

gathering the Op_Stat_Info in an on-going manner while the plug-in is plugged-into the host.

21. The method of claim 20, further comprising:

storing one or more pieces of the Op_Stat_Info upon initially gathering the one or more pieces, respectively; and

updating the one or more pieces, respectively, as is appropriate relative to the on-going manner of the gathering step.

- 22. The method of claim 21, further comprising:
 using a status data object (DO) to store the Op_Stat_Info; and
 making the status DO accessible by the calling entity.
- 23. The method of claim 20, further comprising:

 receiving a request from the calling entity for the Op_Stat_Info;

 initiating the gathering step in response to receiving the request; and

 performing the gathering step, once initiated, in an ad hoc manner.
- 24. The method of claim 23, further comprising: using a status data object (DO) to store the Op_Stat_Info; and passing, upon completing the gathering step, the status DO to the calling entity.
- 25. A machine-readable medium including instructions execution of which by a host produces a first plug-in, the first plug-in providing one or more special capabilities to the host, the machine-readable instructions comprising:

a core code segment for conducting typical operation of the first plug-in by which the one or more special capabilities are carried out; and

an interface code segment for interfacing between the core code segment and one or more second plug-ins loaded on one or more external, relative to the host, entities, respectively, regarding respective operational status of the one or more second plug-ins.

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26. The machine-readable instructions of claim 25, wherein:
the interface code segment is a first interface code segment; and
the machine-readable instructions further comprise

a second interface code segment for interfacing between the core code segment and the host with respect to the typical operation.

27. The machine-readable instructions of claim 25, wherein:

the host is a first host; and

the one or more external entities are one or more second hosts that tend one or more storage units, respectively;

the first host and the one or more second hosts represent a part of a storage area network (SAN); and

the first host represents a storage manager of the SAN.

28. The machine-readable instructions of claim 25, wherein, relative to a client-server architecture, the following relationships apply:

the first plug-in represents a client relative to the second plug-in; and the second plug-in represents a server relative to the first plug-in.

- 29. The machine-readable instructions of claim 28, wherein the client-server architecture is the JCore architecture such that the first plug-in is a JCore client plug-in and the second plug-in is a JCore server plug-in.
- 30. A method of operating a first plug-in to a host, the plug-in providing one or more special capabilities to a first host, the method comprising:

obtaining operational status information (Op_Stat_Info) from one or more second plug-ins loaded on one or more external, relative to the host, entities, respectively.

31. The method of claim 30, further comprising:

exchanging typical information between the first plug-in and the host, the exchange of the typical information being a part of typical operation of the plug-in by which the one or more special capabilities are carried out.

32. The method of claim 30, wherein:

the host is a first host; and

the one or more external entities are one or more second hosts that tend one or more storage units, respectively;

the first host and the one or more second hosts represent a part of a storage area network (SAN); and

the first host represents a storage manager of the SAN.

33. A machine-readable medium including instructions execution of which by a host produces a plug-in, the plug-in providing one or more special capabilities to the host, the machine readable instructions comprising:

a core code segment execution of which causes the one or more special capabilities to be carried out during typical operation of the plug-in; and

a status interface code segment for interfacing between the core and a calling entity and by which operational status of the plug-in is made available to the calling entity.

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34. The machine-readable instructions of claim 33, further comprising:

a central interface code segment for interfacing between the core portion and the host and by which typical information is exchanged between the plugin and the host, the exchange of the typical information being a part of the typical operation.

35. The machine-readable instructions of claim 33, wherein:

the host tends one or more storage devices and represents a part of a storage area network (SAN); and

the calling entity represents a storage manager of the SAN.

36. The machine-readable instructions of claim 33, wherein the plug-in, the host and the calling entity are configured according to the JCore architecture such that the calling entity represents a client relative to the plug-in and the plug-in represents a server relative to the calling entity.